



MicroEnergy International

The MicroEnergy PSS Approach



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MicroEnergy International



Introduction to MEI

Working at the intersection of
Microfinance and Renewable Energy



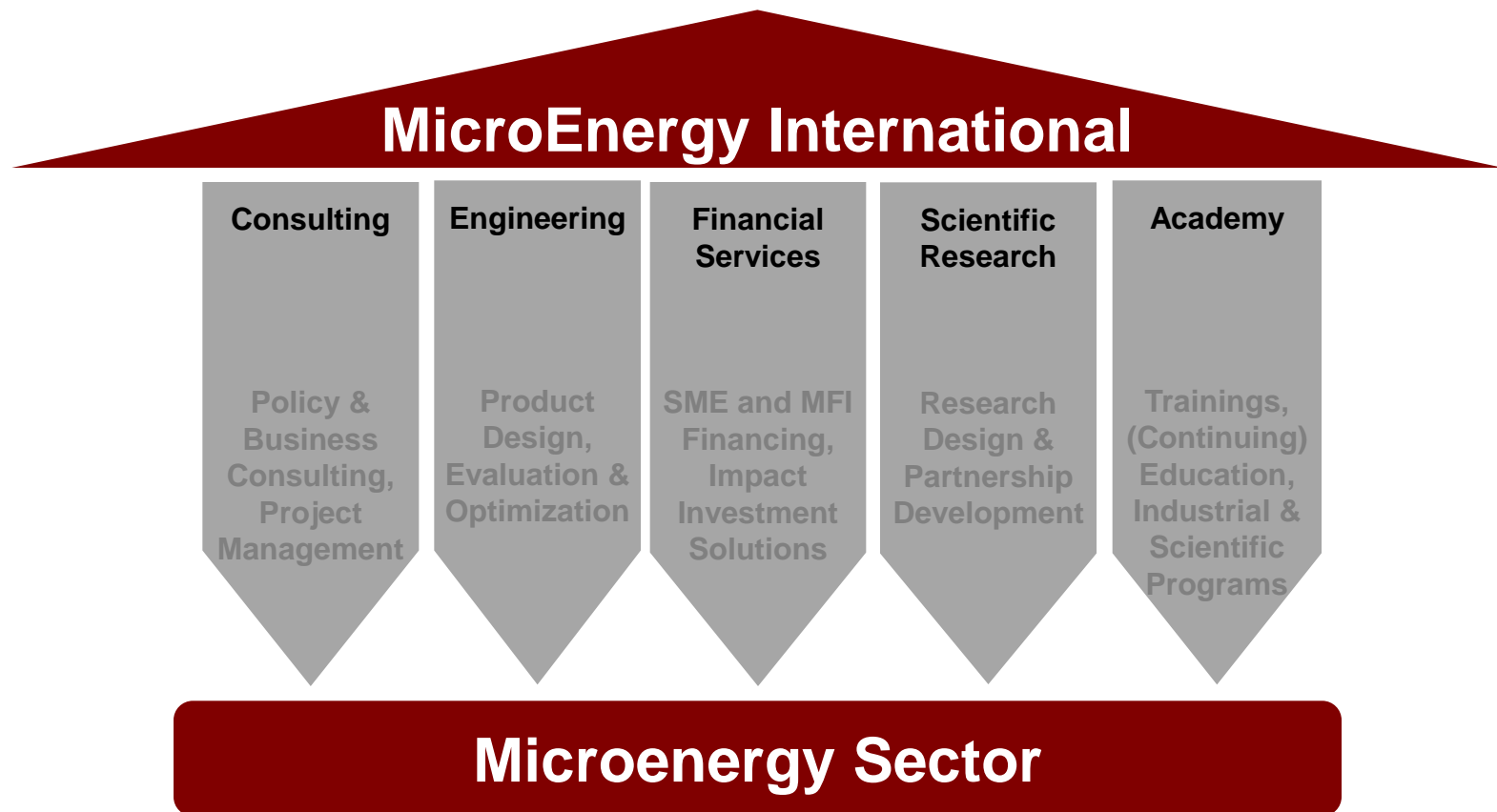
MEI Team

More than 30 employees:

- Engineers
- Economists
- Social scientists



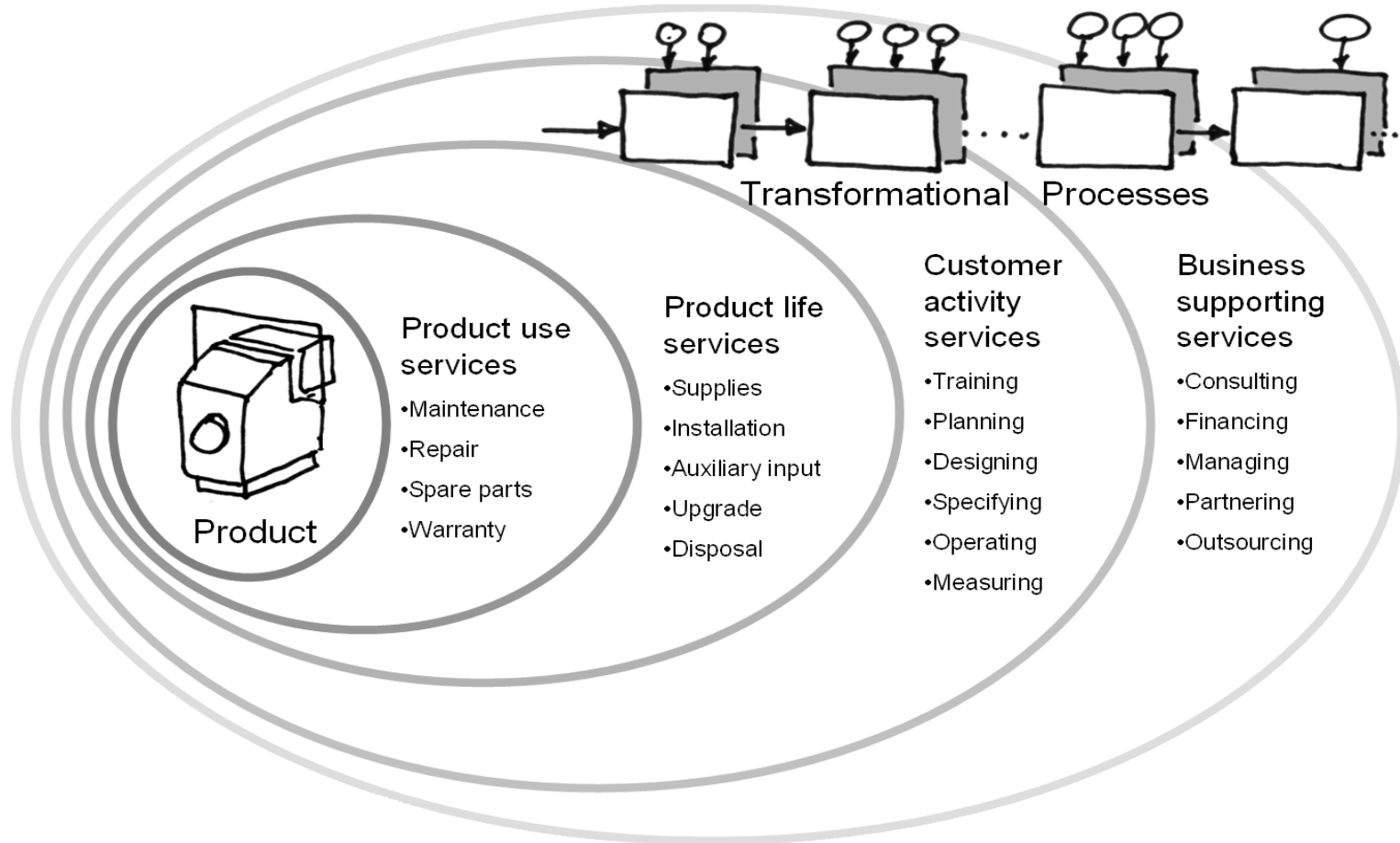
Offering a wide range of services





- What is a PSS – Insights from Literature
- What is a PSS in the Microenergy Sector?
- How to design a PSS in the Microenergy Sector
- Design Results

What is a PSS ?

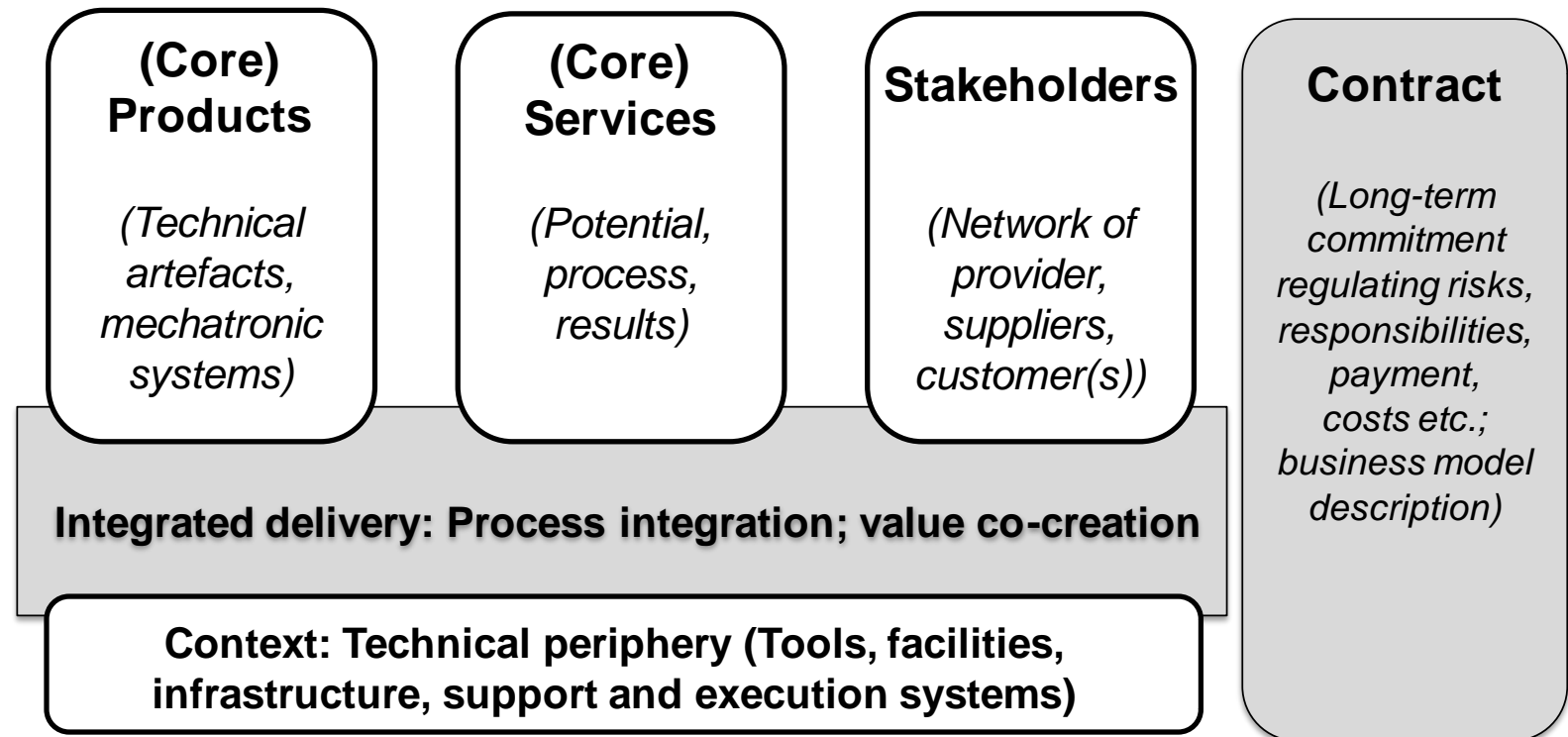


What is a PSS ?

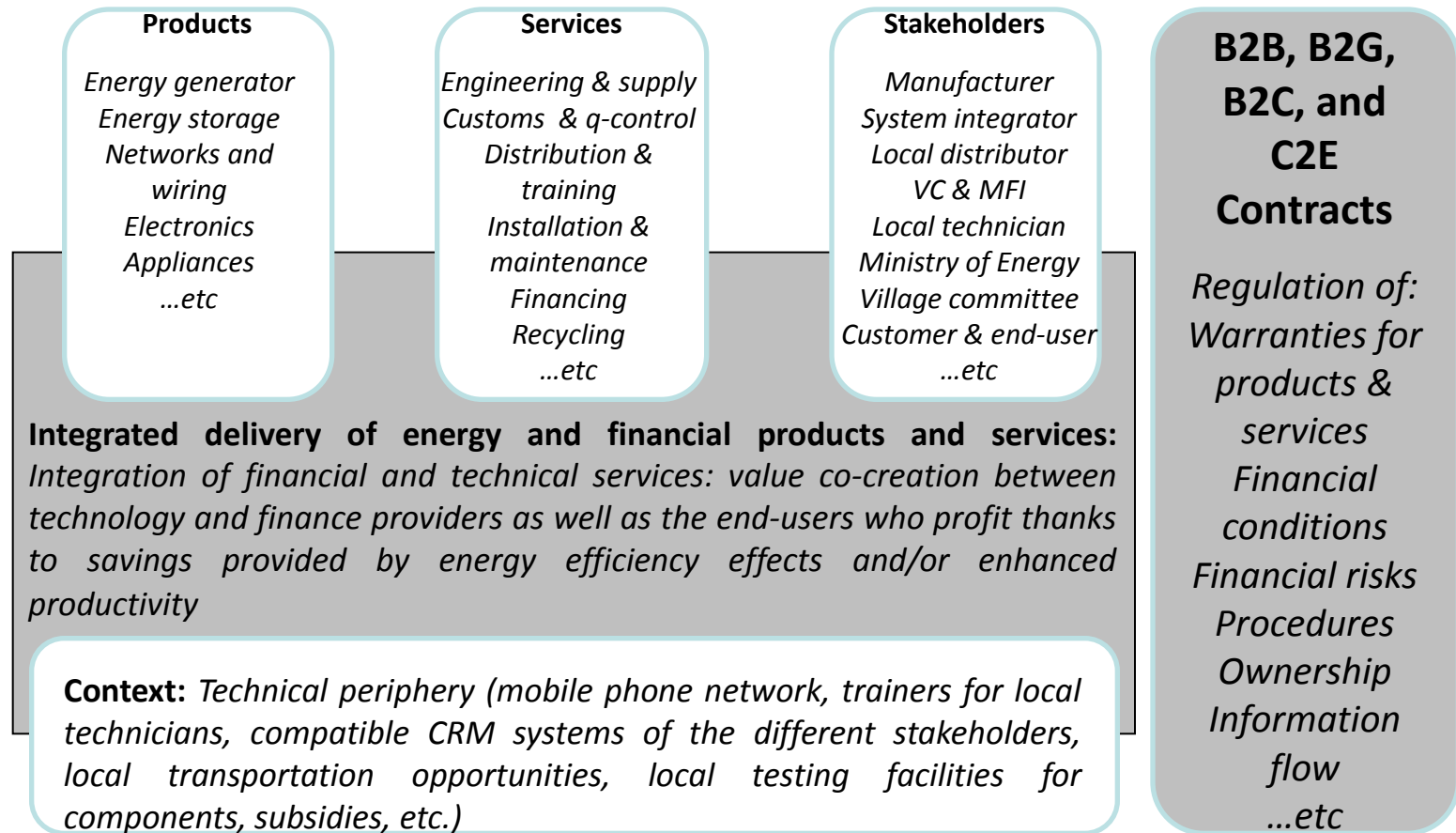


Figure: Issues related to PSS and E-PSS.

Basic Elements of a PSS



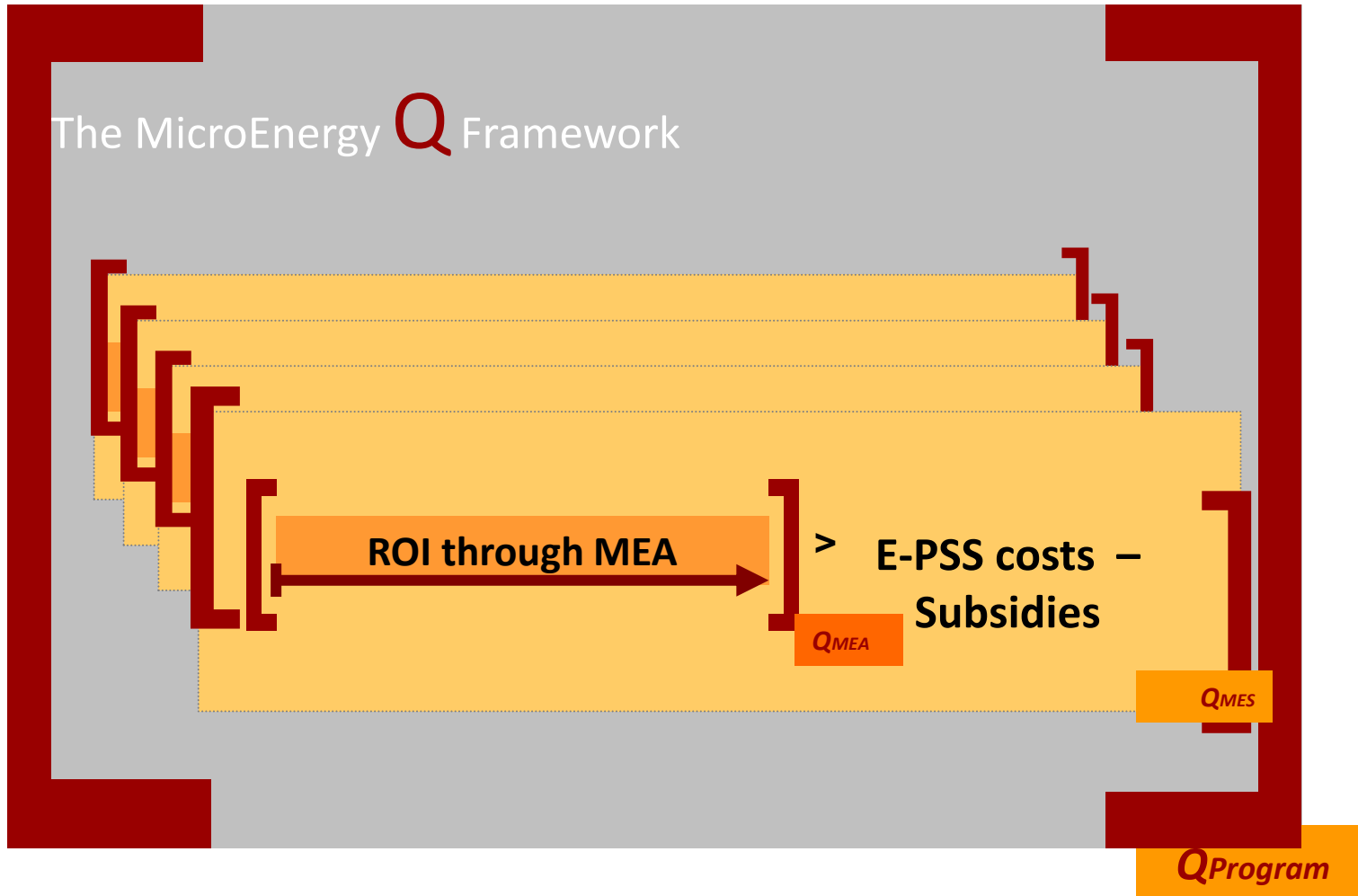
Basic Elements of a PSS in the ME Sector



How to design a PSS in the ME Sector?



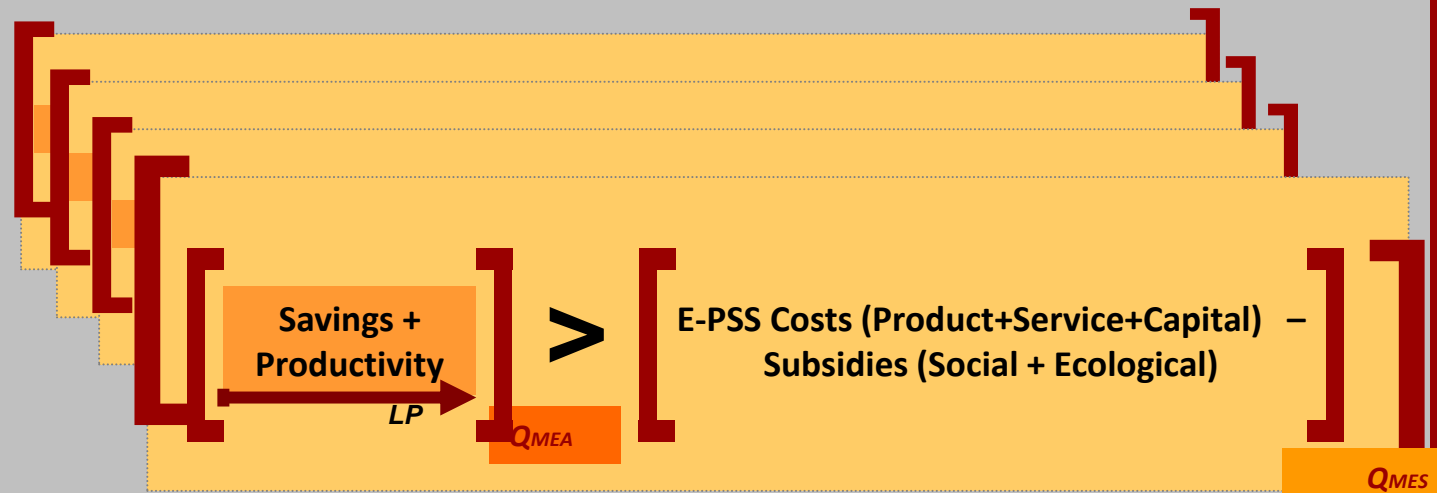
The MicroEnergy Q Framework



How to design a PSS in the ME Sector?



The MicroEnergy Q Framework



QProgram



- small SHS, although profiting from ‘pro-poor’ subsidies, will never generate profits with these applications. Extended loan periods just increase the losses of the end-users over the years!



- larger systems perform well in the MQF, because costs for services are almost independent from the size of the SHS.



- Larger SHS perform better with a cheaper battery and more expensive services.
 - This opens up opportunities for attractive local and service based business development
 - E-PSS stakeholders might start to develop their market with larger SHS. With growing density of SHS, service and specially transportation costs can decrease continuously. Doing so, end-users who can only afford small SHS can be included step by step



Thank you
Questions and comments are welcome!

Learn more about us at
www.microenergy-international.com